

UNCLASSIFIED

AV-8B

ROLE AND MISSION:

Pre and post strike reconnaissance
with FLIR

SENSOR (IMINT):

Navigation FLIR

Lighting II Pod (EO/IR) and Laser
Rangefinder

PLATFORM DESCRIPTION:

MAX SPEED: 550 MPH

HLH RANGE: 142NM

MAX RANGE: 900 NM



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EC-130 SR.

HUNTER/SCOUT AND WARRIOR

ROLE AND MISSION:

Psychological operations broadcast missions in AM, FM, HF, TV and military communication bands.

SENSOR:

unknown

PLATFORM DESCRIPTION:

MAX SPEED: 299 mph at 20,000 feet

CEILING: 20,000 feet

RANGE: 2,100+ miles



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F-14 TARPS

ROLE AND MISSION:

Pre-post strike BDA

SENSOR:

5 IR sensors

PLATFORM

DESCRIPTION:

Max speed: 1,544 mph

Ceiling: 53,000 feet

Range: 2,050 nm with out
refueling



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EA-6B Prowler

ROLE AND MISSION:

Flies EA and ESM missions ISO fleet commanders and
NCA

Flies ISO strikes with HARM missiles.

SENSOR:

SIGINT (ALQ-99)

PLATFORM DESCRIPTION:

MAX SPEED: .99 Mach

CEILING: 40,000 feet

RANGE: 8 hours



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EP-3 Aries II

ROLE AND MISSION:

Theater/national SIGINT platform flies ISO CINC.

SENSOR:

SIGINT

PLATFORM DESCRIPTION:

MAX SPEED: 411 kts

CEILING: 28,300 feet

RANGE: 2,380 miles



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E-8 JSTARS

ROLE AND MISSION:

SENSOR:

PLATFORM DESCRIPTION:

ORBIT SPEED: 390-510 kts

CEILING: 42,000 feet

RANGE: (unrefueled) 8 hours



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P-3 ORION

ROLE AND MISSION:

Anti-Submarine Warfare
Patrol Aircraft.

SENSOR:

IMINT (EO/IR/Radar)
In-flight reports



PLATFORM DESCRIPTION:

MAX SPEED: 411 kts
CEILING: 28,300 feet
RANGE: 2,380 miles

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RC-135 RIVET JOINT

ROLE AND MISSION:

Conducts ELINT and COMINT intercept operations against targets up to 240 kilometers away

SENSOR:

ELINT

COMINT

PLATFORM DESCRIPTION:

Max speed: 500+ mph

Range: 3,900 miles with out refueling



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U-2 & ASARS II

ROLE AND MISSION:

Provides continuous day or night, high altitude, all weather, stand off surveillance of a battle area.

PLATFORM DESCRIPTION:

MAX SPEED: 475+mph

CEILING: 70,000 feet

RANGE: 6,000 miles



ASARS II

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F/A 18D

ROLE AND MISSION:

Day or night, all weather fighter, supporting arms coordination, and reconnaissance aircraft

PLATFORM DESCRIPTION:

MAX SPEED: subsonic to supersonic

RANGE: 2,000 miles



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LOW-MULTI-FUNCTION (ARL-M)

ROLE AND MISSION:

The ARL-M is a multi-mode X-band SAR reconnaissance and surveillance system

Border surveillance, ground force movement,, littoral region activities, land mapping, and resource management

SENSOR

Unk



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GUARD RAIL

ROLE AND MISSION:

Provides near real-time SIGINT and targeting information to Tactical Commanders

SENSOR

Classified

PLATFORM DESCRIPTION:

CRUISE SPEED: 250+ kts

MAX RANGE: 1,200 nm



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EC-130 RIVET RIDER/ COMMANDO SOLO

- **Primary Function:** Psychological operations
- **Length:** 100 ft 6 in.
- **Height:** 38 feet, 3 inches.
- **Wingspan:** 132 feet, 7 inches.
- **Speed:** 299 mph at 20,000 feet.
- **Ceiling:** 20,000 ft.
- **Maximum Takeoff Weight:** 155,000 pounds.
- **Range:** 2,100-plus miles



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EC-130H RIVET FIRE/ COMPASS CALL

- **Primary Function:** Perform tactical command, control, and communication

- **Max Speed:** 483

- **Range:** 5,556 km

- **Endurance:** 10

- **Ceiling:** 8,230

m



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MEWSS

MOBILE ELECTRONIC WARFARE SUPPORT SYSTEM

ROLE AND MISSION:

ESM/EA in support of the MEF. Can be lifted via CH-53 under ideal conditions.

SENSOR

Classified



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SCAMP

ROLE AND MISSION:

Provide continuous all weather location determination and monitoring of activity within a given area of operations

SENSOR:

Tactical Remote Sensor System



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PIONEER UAV

ROLE AND

MISSION: CONDUCT AERIAL RECONNAISSANCE

SENSOR:

IMINT, Visible Light/IR

PLATFORM DESCRIPTION:

SPEED: 110 KTS

MAX CEILING 15,000FT

RANGE 100+ NM

ENDURANCE 5.5 HRS



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GLOBAL HAWK

MISSION: UAV

CONDUCT AERIAL
RECONNAISSANCE

IMINT, SIGINT

PLATFORM DESCRIPTION

65,000FT OPERATING
ALT.

ENDURANCE 42HRS

MAX RANGE OF 14,000
NM



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HUNTER SR

MISSION: UAV

CONDUCT AERIAL RECONNAISSANCE

SENSOR:

IMINT (IR AND FLIR)

FLIR, CCD

PLATFORM DESCRIPTION

125 KM ON GCS

70 KTS CRUISE

DASH SPEED 110 KTS

15,000FT MAX ALT.

ENDURANCE: 8-10
HRS



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PREDATOR

UAV

MISSION:

CONDUCT AERIAL
RECONNAISSANCE

EO, IR, AND TESAR RADAR, 2
COLOUR DLTV TELEVISION

PLATFORM AND DESCRIPTION:

OPERATES AT
25,000FT

RANGE OF 400NM

ENDURANCE OF
40HRS



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DRAGON EYE

MISSION:

COMPANY CO's ISR ASSET,
USED TO SPOT VEHICLES
AND PERSONNEL

SENSOR:

FIXED EO, IR, OR LOWLIGHT
CAMERAS

PLATFORM AND DESCRIPTION:

OP ALT. 0-500FT; MAX RANGE
10KM, BEST RESOLUTION AT
5KM, 35KTS MAX SPEED,
25KTS LOITER SPEED

